

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: August 2, 1995

Date Received: July 28, 1995

Project: #7238, Metro 24 Hr. (ACW), PO M50312

Date Samples Extracted: August 1, 1995

Date Extracts Analyzed: August 1, 1995

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR CHROMIUM, COPPER, NICKEL AND ZINC****Samples Processed Using Method 3005**

Results Reported as mg/L (ppm)

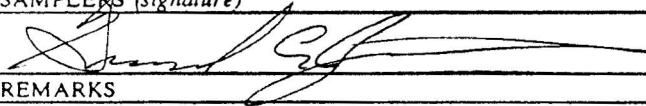
<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M50312 A Discharging	1.7	0.81	1.4	0.08
M50312 B Not Discharging	1.1	0.43	0.77	<0.05
<u>Quality Assurance</u>				
Blank	<0.05	<0.05	<0.05	<0.05
M50312 B Not Discharging (Duplicate)	1.1	0.45	0.80	<0.05
M50312 B Not Discharging (Matrix Spike) % Recovery	96%	97%	96%	95%
M50312 B Not Discharging (Matrix Spike Duplicate) % Recovery	95%	97%	96%	95%
Spike Blank % Recovery	101%	101%	102%	98%
Spike Level	5	5	10	5

FRIEDMAN & BRUYA, INC.
3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282

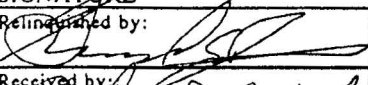
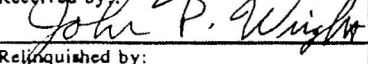
SAMPLE CHAIN OF CUSTODY

BTB AI
7-28-95
2:30pm

Send Report To: Alaskan Copper Works Contact: Gerald Thompson
Company: 628 Harbor
Address: Seattle City, State, Zip: WA 98134
Phone #: (206) 382-8379 Date: 7-28-95

SITE NO.	PROJECT NAME	PURCHASE ORDER #
7238	metals 24 hr (ACW)	M50312
SAMPLERS (signature)	PROJECT LOCATION	
	3200 6th Ave S.	
REMARKS	SAMPLE DISPOSAL INFORMATION	
	<input type="checkbox"/> Dispose after 30 days <input checked="" type="checkbox"/> Return Samples <input type="checkbox"/> Call for Instructions	

Sample #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample #	Analyses Requested
M50312 A	1:30pm 7/28	H2O	1	60863	CK CU NI ZN
Discharging					
M50312 B	1:30pm 7/28	H2O	1	60864	CK CU NI ZN
Discharging					

SIGNATURE	PRINT NAME	COMPANY	Date	Time
Relinquished by: 	Gerald Thompson	ACW	7-28-95	2:15pm
Received by: 	John P. Wright	F + B Inc	7-28-95	2:15pm
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

DUPLICATE COPY

August 2, 1995

INVOICE # 95ACU0802-1

Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project #7238, Metro 24 Hr. (ACW), PO M50312: Results of testing requested
by Gerald Thompson, Project Leader for material submitted on July 28, 1995.

2 water samples analyzed for Chromium, Copper,
Nickel and Zinc @ \$65 per sample

\$ 130.00

Amount Due

\$ 130.00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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Seattle, WA 98119-2029
FAX: (206) 283-5044

August 2, 1995

Gerald Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

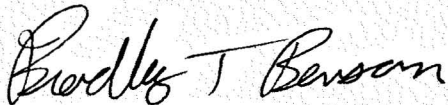
Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on July 28, 1995 from your project #7238, Metro 24 Hr. (ACW), PO M50312.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Bradley T. Benson
Chemist

jdp
Enclosures

ACU0802R

AKC-0012713